

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **General Chemical Corporation**

**6300 Philadelphia Pike  
Marcus Hook, PA 19601  
Congressional District 6  
EPA ID #: PAD990823742  
Last Updated 12/30/2003**

## **Current Progress at the Site**

In September 2000 EPA issued an Administrative Order to the General Chemical Corporation (GCC), which requires a facility wide investigation and cleanup of the GCC facility in Claymont, DE. The Administrative Order was issued pursuant to Section 3008(h) of the Resource Conservation and Recovery Act (RCRA). The requirements of the order include:

- Interim Measures/Stabilization to achieve the initial goal of controlling ground water releases and controlling current human and ecological exposure to contaminated media;
- RCRA Facility Investigation (RFI) if warranted, to provide more in-depth information about Solid Waste Management Units (SWMUs), and;
- Corrective Measures Study (CMS) if warranted, to propose final cleanup actions needed.

Workplans, documenting a phase I sample collection and other field investigation activities at 28 SWMUs, have been approved by EPA. The data resulting from the phase I field activities will be used to evaluate and characterize the nature and extent of potential contamination. GCC has collected all of the samples required by the workplan. Draft reports documenting the results of this effort are currently under review by EPA. A phase II sample collection is anticipated for the Spring of 2004. EPA will oversee all investigations, interim actions and cleanup activities conducted at the GCC facility.

As a former owner of the property, Allied Chemical Corporation (now known as Honeywell International, Inc.), is conducting an investigation of 8 SWMUs located on parcels of property that are contiguous to the General Chemical facility and currently owned by Honeywell. Field investigation activities for the Honeywell parcels were completed in June of 2003. A draft report documenting the field investigation findings is currently under review by EPA.

## **Site Description**

GCC owns and operates a diversified chemical manufacturing plant located at 6300 Philadelphia Pike in Claymont, Delaware. The facility consists of three parcels of land which comprise approximately 100 acres, with one parcel located south of Philadelphia Pike ("South Plant") and two parcels located north of Philadelphia Pike ("North Plant"). The North Plant and the South Plant are referred to collectively as the Delaware Valley Works. The easternmost parcel on the North Plant is located entirely in Pennsylvania. The remaining parcels, which include the westernmost parcel on the North

Plant and nearly the entire South Plant (except for the extreme northeastern corner of the South Plant) are located in Delaware. The GCC facility is contiguous with property owned by Honeywell, who is the owner and operator of a facility with an address of 6100 Philadelphia Pike.

The GCC facility manufactures more than 110 specialty and industrial chemicals. These products include sulphur and fluorine-based chemicals, and warehousing and marketing of an array of other inorganic chemicals. The North Plant operations utilize batch reactors to make specialty chemical products and includes warehousing of chemicals. The South Plant operation produces sulfuric acid and makes photochemical and water treatment products. Former plant operations included processes for pesticide products.

## **Site Responsibility**

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RCRA Corrective Action activities at the GCC facility are being conducted under the direction of EPA Region 3 with assistance from the State.

## **Contaminants**

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Metals and volatile organic compounds are the main constituents of concern found in groundwater at the site.

## **Community Interaction**

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The facility is located within the cities of Claymont, DE and Marcus Hook, PA. Plans documenting EPA's preferred cleanup alternatives will be made available, by public notice, for members of the community to review and comment.

## **Government Contacts**

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)